

1. 5,106,540, Apr. 21, 1992, Conductive polymer composition; Pradeep Barma, et al., 252/511, 512, 516, 518, 519, 520 [IMAGE AVAILABLE]
2. 5,106,538, Apr. 21, 1992, Conductive polymer composition; Pradeep Barma, et al., 252/511, 503, 504, 506, 516, 518, 520 [IMAGE AVAILABLE]
3. 5,030,487, Jul. 9, 1991, Heat recoverable article comprising conductive polymer compositions; Nachum Rosenzweig, 428/34.9; 174/DIG.8; 285/381.4; 428/35.1, 327 [IMAGE AVAILABLE]
4. 4,973,626, Nov. 27, 1990, ****Crosslinked**** polymer interdispersions containing polyolefin and method of making; Edward V. Wilkus, et al., 525/104, 146, 148, 151, 154, 166, 179, 905 [IMAGE AVAILABLE]
5. 4,945,132, Jul. 31, 1990, ****Crosslinked**** polymer interdispersions, related compositions and method of making same; Edward V. Wilkus, et al., 525/194, 199 [IMAGE AVAILABLE]
6. 4,935,262, Jun. 19, 1990, Cables formed with interdispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 427/117, 120; 428/375, 379 [IMAGE AVAILABLE]
7. 4,913,962, Apr. 3, 1990, Cables formed with interdispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 428/372; 174/110FC, 110PM, 110V; 428/375, 379 [IMAGE AVAILABLE]
8. 4,864,001, Sep. 5, 1989, Cables formed with interdispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 525/199, 235, 240 [IMAGE AVAILABLE]
9. 4,816,517, Mar. 28, 1989, ****Crosslinked**** polymer interdispersions containing polyolefin and method of making; Edward V. Wilkus, et al., 525/194; 524/520, 528; 525/192, 193, 199, 222, 227, 240 [IMAGE AVAILABLE]
10. 4,781,979, Nov. 1, 1988, Cables formed with inter-dispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 428/390; 174/110AR, 110FC, 110PM; 428/379 [IMAGE AVAILABLE]
11. 4,758,627, Jul. 19, 1988, Polymer interdispersions, related compositions and method of making same; Edward V. Wilkus, et al., 525/194, 193, 199, 240 [IMAGE AVAILABLE]

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(FILE 'USPAT' ENTERED AT 17:03:43 ON 21 NOV 96)

L1 316 S UHMWPE
L2 2673 S CRYSTAL ORIENTATION
L3 0 S L2 AND L1
L4 268309 S CRYSTAL?
L5 217636 S MOLECULAR
L6 93 S L4 AND L1
L7 304 S L5 AND L1
L8 59 S L6 AND MELTING POINT
L9 23 S L6 AND CROSSLINK?
L10 17 S L9 AND MELTING POINT
L11 12 S L10 AND IRRADIAT?
L12 11 S L11 AND COMPRESS?

1. 5,106,538, Apr. 21, 1992, Conductive polymer composition; Pradeep Barma, et al., 252/511, 503, 504, 506, 516, 518, 520 [IMAGE AVAILABLE]
2. 4,973,626, Nov. 27, 1990, Crosslinked polymer interdispersions containing polyolefin and method of making; Edward V. Wilkus, et al., 525/104, 146, 148, 151, 154, 166, 179, 905 [IMAGE AVAILABLE]
3. 4,945,132, Jul. 31, 1990, Crosslinked polymer interdispersions, related compositions and method of making same; Edward V. Wilkus, et al., 525/194, 199 [IMAGE AVAILABLE]
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8. 4,781,979, Nov. 1, 1988, Cables formed with inter-dispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 428/390; 174/110AR, 110FC, 110PM; 428/379 [IMAGE AVAILABLE]
9. 4,758,627, Jul. 19, 1988, Polymer interdispersions, related compositions and method of making same; Edward V. Wilkus, et al., 525/194, 193, 199, 240 [IMAGE AVAILABLE]

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L1	316 S UHMWPE
L2	28 S L1 AND CRYSTAL
L3	1 S L2 AND CROSSLINK
L4	304 S L1 AND MOLECULAR
L5	305 S L4 OR L2
L6	13 S L5 AND CROSSLINK
L7	10 S MELTING POINT AND L6
L8	9 S L7 AND IRRADIAT?
L9	9 S L8 AND COMPRESSION

1. 5,505,900, Apr. 9, 1996, Continuous process for manufacture of crosslinked, oriented polyethylene extrudates; Dedo Suwanda, et al., 264/477, 210.7, 288.4, 331.17, 495 [IMAGE AVAILABLE]
2. 5,286,576, Feb. 15, 1994, Compression molded flame retardant and high impact strength ultra high **molecular** weight polyethylene composition; Raymond C. Srail, et al., 428/517, 290, 325, 516, 921; 524/416 [IMAGE AVAILABLE]
3. 5,130,376, Jul. 14, 1992, **UHMWPE**/styrenic molding compositions with improved flow properties and impact strength; Keith S. Shih, 525/309, 240, 264, 289, 305, 316, 324 [IMAGE AVAILABLE]
4. 5,106,538, Apr. 21, 1992, Conductive polymer composition; Pradeep Barma, et al., 252/511, 503, 504, 506, 516, 518, 520 [IMAGE AVAILABLE]
5. 4,973,626, Nov. 27, 1990, Crosslinked polymer interdispersions containing polyolefin and method of making; Edward V. Wilkus, et al., 525/104, 146, 148, 151, 154, 166, 179, 905 [IMAGE AVAILABLE]
6. 4,945,132, Jul. 31, 1990, Crosslinked polymer interdispersions, related compositions and method of making same; Edward V. Wilkus, et al., 525/194, 199 [IMAGE AVAILABLE]
7. 4,935,262, Jun. 19, 1990, Cables formed with interdispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 427/117, 120; 428/375, 379 [IMAGE AVAILABLE]
8. 4,913,962, Apr. 3, 1990, Cables formed with interdispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 428/372; 174/110FC, 110PM, 110V; 428/375, 379 [IMAGE AVAILABLE]
9. 4,864,001, Sep. 5, 1989, Cables formed with interdispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 525/199, 235, 240 [IMAGE AVAILABLE]
10. 4,816,517, Mar. 28, 1989, Crosslinked polymer interdispersions containing polyolefin and method of making; Edward V. Wilkus, et al., 525/194; 524/520, 528; 525/192, 193, 199, 222, 227, 240 [IMAGE AVAILABLE]
11. 4,781,979, Nov. 1, 1988, Cables formed with inter-dispersed polymer insulation compositions and method of making; Edward V. Wilkus, et al., 428/390; 174/110AR, 110FC, 110PM; 428/379 [IMAGE AVAILABLE]
12. 4,758,627, Jul. 19, 1988, Polymer interdispersions, related compositions and method of making same; Edward V. Wilkus, et al., 525/194, 193, 199, 240 [IMAGE AVAILABLE]
13. 4,743,493, May 10, 1988, Ion implantation of plastics; Piran Sioshansi, et al., 428/217; 427/525; 428/412, 421, 522, 523 [IMAGE AVAILABLE]

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L1	316 S UHMWPE
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L3	1 S L2 AND CROSSLINK
L4	304 S L1 AND MOLECULAR

L5
L6

305 S L4 OR L2
13 S L5 AND CROSSLINK